



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	Method of Automatically Routing Nets According to Current Density Rules																																																																																														
<p>Application Number: 10/709843</p> <p>Confirmation Number: 3842</p> <p>First Named Applicant: Graham Balsdon</p> <p>Attorney Docket Number: 021648-000500US</p> <p>Search string: (5793643 or 5801959 or 6543043 or 6408427 or 6349403 or 6324675 or 6282693 or 6301693 or 6526555 or 6687893).pn.</p> <p>US Patent Documents</p> <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p> <table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td><input checked="" type="checkbox"/></td><td>1</td><td>5793643</td><td>1998-08-11</td><td>Cai</td><td></td><td></td><td></td></tr><tr><td><input type="checkbox"/></td><td>2</td><td>5801959</td><td>1998-09-01</td><td>Ding et al.</td><td></td><td></td><td></td></tr><tr><td><input checked="" type="checkbox"/></td><td>3</td><td>6543043</td><td>2003-04-01</td><td>Wang et al.</td><td></td><td></td><td></td></tr><tr><td><input checked="" type="checkbox"/></td><td>4</td><td>6408427</td><td>2002-06-18</td><td>Cong et al.</td><td></td><td></td><td></td></tr><tr><td><input type="checkbox"/></td><td>5</td><td>6349403</td><td>2002-02-19</td><td>Dutta et al.</td><td></td><td></td><td></td></tr><tr><td><input type="checkbox"/></td><td>6</td><td>6324675</td><td>2001-11-27</td><td>Dutta et al.</td><td></td><td></td><td></td></tr><tr><td><input type="checkbox"/></td><td>7</td><td>6282693</td><td>2001-08-28</td><td>Naylor et al.</td><td></td><td></td><td></td></tr><tr><td><input type="checkbox"/></td><td>8</td><td>6301693</td><td>2001-10-09</td><td>Naylor et al.</td><td></td><td></td><td></td></tr><tr><td><input checked="" type="checkbox"/></td><td>9</td><td>6526555</td><td>2003-02-25</td><td>Teig et al.</td><td></td><td></td><td></td></tr><tr><td><input checked="" type="checkbox"/></td><td>10</td><td>6687893</td><td>2004-02-03</td><td>Teig et al.</td><td></td><td></td><td></td></tr></tbody></table>								init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass	<input checked="" type="checkbox"/>	1	5793643	1998-08-11	Cai				<input type="checkbox"/>	2	5801959	1998-09-01	Ding et al.				<input checked="" type="checkbox"/>	3	6543043	2003-04-01	Wang et al.				<input checked="" type="checkbox"/>	4	6408427	2002-06-18	Cong et al.				<input type="checkbox"/>	5	6349403	2002-02-19	Dutta et al.				<input type="checkbox"/>	6	6324675	2001-11-27	Dutta et al.				<input type="checkbox"/>	7	6282693	2001-08-28	Naylor et al.				<input type="checkbox"/>	8	6301693	2001-10-09	Naylor et al.				<input checked="" type="checkbox"/>	9	6526555	2003-02-25	Teig et al.				<input checked="" type="checkbox"/>	10	6687893	2004-02-03	Teig et al.			
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<p>Signature <i>Phallaka Kik</i></p> <table border="1"><thead><tr><th>Examiner Name</th><th>Date</th></tr></thead><tbody><tr><td>PHALLAKA KIK</td><td>4/25/06</td></tr></tbody></table>								Examiner Name	Date	PHALLAKA KIK	4/25/06																																																																																				
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e Filing Date: 6/06/2005

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

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Title of Invention	Method of Automatically Routing Nets According to Current Density Rules
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Application Number : 10/709843



Confirmation Number: 3842

First Named Applicant: Graham Balsdon

Attorney Docket Number: 021648-000500US

Art Unit: 2825

Examiner: Phallaka Kik

Search string: (6734472 or 6711727 or 6671859 or 6662348 or 6598215 or 6564366 or 6543043 or 6526555 or 6510545 or 6507941 or 6480996 or 6480993 or 6408427 or 6349403 or 6324675 or 6301693 or 6282693 or 6219823 or 5880969 or 5801959 or 5757089 or 5550748 or 5375069 or 5353235 or 5272645 or 5072402 or 4965739 or 4815003 or 4811237).pn

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

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	2	6711727	2004-03-23	Teig et al.			
	3	6671859	2003-12-30	Naylor et al.			
	4	6662348	2003-12-09	Naylor et al.			
	5	6598215	2003-07-22	Das et al.			
	6	6564366	2003-05-13	Marchenko et al.			
	7	6543043	2003-04-01	Wang et al.			
	8	6526555	2003-02-25	Teig et al.			
	9	6510545	2003-01-21	Yee et al.			
	10	6507941	2003-01-14	Leung et al.			
	11	6480996	2002-11-12	Aji et al.			
	12	6480993	2002-11-12	Suto et al.			
	13	6408427	2002-06-18	Cong et al.			
	14	6349403	2002-02-19	Dutta et al.			
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Signature *Rhalla Kik*







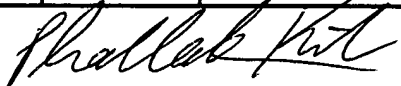
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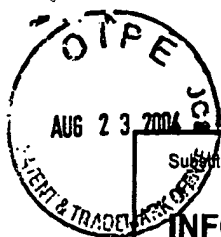
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ELECTRONIC INFORMATION DISCLOSURE STATEMENT

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Stylesheet Version v18.0

Title of Invention	Method of Automatically Routing Nets According to Current Density Rules						
Application Number :	10/709843						
Confirmation Number:	3842						
First Named Applicant:	Graham Balsdon						
Attorney Docket Number:	021648-000500US						
Art Unit:	2825						
Examiner:	Phallaka Kik						
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Note: Applicant is not required to submit a paper copy of cited US Patent Documents							
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	1	6480996	2002-11-02	Aji et al.			
	2	5500804	1996-03-19	Honsinger et al.			
	3	4615011	1986-09-30	Linsker			
	4	4673966	1987-06-16	Shimoyama			
	5	4777606	1988-10-11	Fournier			
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Examiner Name				Date			
PHALLAKA KIK				4/25/06			



Substitute for form 1449A/PTO		Complete if Known			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/709,843		
		Filing Date	June 1, 2004		
		First Named Inventor	Balsdon, Graham		
		Art Unit	2825		
		Examiner Name	To Be Assigned <i>P. KIK</i>		
Sheet	1	of	2	Attorney Docket Number	21648-000500US

U.S. PATENT DOCUMENTS+						
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FOREIGN PATENT DOCUMENTS								
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Examiner Signature	<i>Phallos</i>	Date Considered	4/25/06
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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known			
		Application Number	10/709,843		
		Filing Date	June 1, 2004		
		First Named Inventor	Balsdon, Graham		
		Art Unit	2825		
		Examiner Name	To Be Assigned <i>R. KIK</i>		
Sheet	2	of	2	Attorney Docket Number	21648-000500US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
<i>PK</i>	BC	FINCH, MACKENZIE, BALSDON, SYMONDS, "A Method for Gridless Routing of Printed Circuit Boards," Paper 32.2, 22nd Design Automation Conference, IEEE, 1985, PP. 509-515, Racal-Redac Ltd., Newtown, Tewkesbury, Glos, United Kingdom.	
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Examiner Signature	<i>Phallob Kik</i>	Date Considered	<i>4/25/06</i>
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eFiling Date: 6/22/2005

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Title of Invention	METHOD OF AUTOMATICALLY ROUTING NETS ACCORDING TO CURRENT DENSITY RULES
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Application Number : 10/709843
Confirmation Number: 3842
First Named Applicant: Graham Balsdon
Attorney Docket Number: 021648-000500US
Art Unit: 2825
Examiner: P. KIK



Search string: (6895567 or 4782193 or 4855253 or 5541005 or 5635736 or 5637920 or 5640327 or 5646830 or 5650653 or 5689433 or 5723908 or 5784289 or 5801385 or 5811863 or 5822214 or 5880969 or 5889329 or 5980093 or 6111756 or 6150193 or 6260183 or 6262487 or 6263475 or 6301686 or 6307256 or 6316838 or 6323097 or 6324674 or 6412097 or 6448591 or 6516455 or 6645842 or 20010004763 or 20010009031 or 20020069397 or 20030025205).pn

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

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20	6150193	2000-11-30	Glenn			
21	6260183	2001-07-30	Raspopovic et al.			
22	6262487	2001-07-30	Igarashi et al.			
23	6263475	2001-07-30	Toyonaga et al.			
24	6301686	2001-10-30	Kikuchi et al.			
25	6307256	2001-10-30	Chiang et al.			
26	6316838	2001-11-30	Ozawa et al.			
27	6323097	2001-11-30	Wu et al.			
28	6324674	2001-11-30	Andreev et al.			
29	6412097	2002-06-30	Kikuchi et al.			
30	6448591	2002-09-30	Juengling			
31	6516455	2003-02-28	Teig et al.			
32	6645842	2003-11-28	Igarashi et al.			

US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

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1	1	20010004763	2001-06-28	Kato			
2	2	20010009031	2001-07-28	Nitta et al.			
3	3	20020069397	2002-06-28	Teig et al.			
4	4	20030025205	2003-02-28	Shively			

Signature

Phallaka Kik

Examiner Name	Date
PHALLAKA KIK	4/25/06